

Converting Colors

RGB(189, 195, 137)

Have a look what the booklet for
RGB(189, 195, 137) contains.

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Color

RGB(189, 195, 137)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BDC389 |
| RGB | 189, 195, 137 |
| RGB Percent | 74%, 76%, 54% |
| CMY | 0.2588, 0.2353, 0.4627 |
| CMYK | 0.03, 0.00, 0.30, 0.24 |
| HSL | 66°, 33%, 65% |
| HSV | 66°, 30%, 76% |
| XYZ | 45.0167, 51.6552, 31.2647 |
| YIQ | 186.5940, 15.0420, -19.3100 |

Conversions

Conversions Part 2

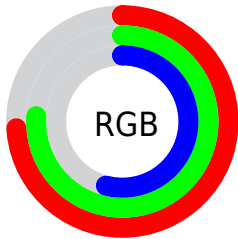
| Format | Color |
|-------------------------------------|--|
| RYB | 137, 195, 143 |
| Decimal | 12436361 |
| CIELab | 77.07, -11.44, 28.53 |
| CIELCh | 77, 30.734, 111.844 |
| Yxy | 51.6552, 0.3519, 0.4038 |
| Android (android.graphics.Color) | 4290626441 (0xFFBDC389) |
| YUV | 186.5940, -24.4498, 2.1101 |
| Hunter-Lab | 71.8715, -13.9717, 24.5184 |

Details

The RGB color **189, 195, 137** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **143, 137, 195**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **246, 252, 191**, and **135, 141, 86** is the 20% darker color. If you saturate the color by 10%, you get **187, 195, 117**, and if you desaturate by 10%, it is **191, 195, 157**.

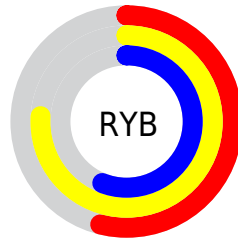
Distribution



Red (74%)

Green (76%)

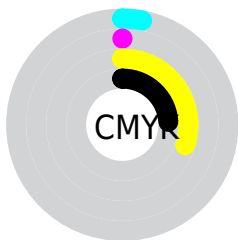
Blue (54%)



Red (54%)

Yellow (76%)

Blue (56%)

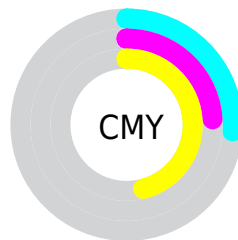


Cyan (3%)

Magenta (0%)

Yellow (30%)

Black (24%)



Cyan (26%)

Magenta (24%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 195, 137 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 189, 195, 137 by changing the saturation by 10% instead.

 189, 195, 137

255, 255, 255

 246, 252, 191


 255, 255, 219

 255, 255, 247

 189, 195, 137

 162, 168, 111

 135, 141, 86

 109, 116, 63

 84, 91, 39

 60, 68, 17

 38, 46, 0


 10, 26, 0


 0, 0, 0


 189, 195, 137


 189, 195, 137

 187, 195, 117


 191, 195, 157

 185, 195, 98


 193, 195, 176

 183, 195, 79

 195, 195, 195


 181, 195, 59

 197, 195, 215

 179, 195, 39

 199, 195, 234

 177, 195, 20

 201, 195, 254

 175, 195, 0

 203, 195, 255

 175, 195, 0

 205, 195, 255

 207, 195, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218, 186, 134



189, 195, 137



156, 202, 154

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189, 195, 137



110, 202, 234



241, 170, 199

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



189, 195, 137



143, 137, 195

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219, 176, 226



189, 195, 137



143, 195, 246

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189, 195, 137



103, 206, 210



184, 186, 243



248, 170, 170

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189, 195, 137



135, 205, 172



184, 186, 243



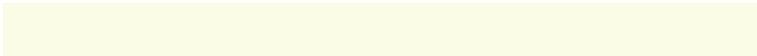
236, 171, 209

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



189, 195, 137



250, 252, 230



195, 143, 137



126, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



189, 195, 137



243, 252, 162



160, 195, 137



96, 97, 87



144, 161, 0



30, 33, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



143, 137, 195



171, 162, 252



172, 137, 195



88, 87, 97



17, 0, 161



3, 0, 33

Previews

White Background



This preview shows how the RGB color 189, 195, 137 looks on a white background.

Color Contrast Check

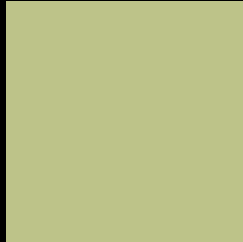
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 189, 195, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

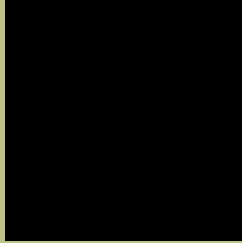
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

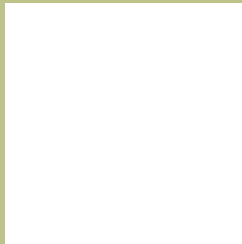
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 189, 195, 137 Background



This preview shows how black text looks on a background with the RGB color 189, 195, 137.

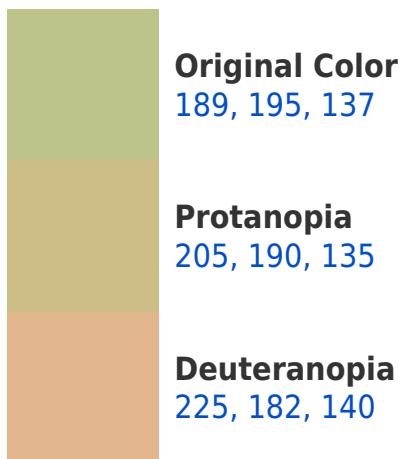



This preview shows how white text looks on a background with the RGB color 189, 195, 137.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

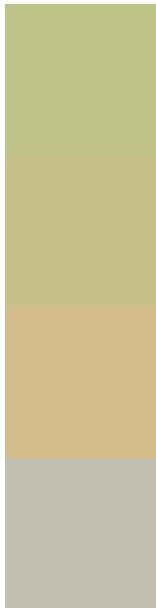
Dichromacy





Tritanopia
197, 187, 201

Trichromacy



Original Color
189, 195, 137

Protanomaly
199, 192, 136

Deuteranomaly
212, 187, 139

Tritanomaly
194, 190, 178

Monochromacy



Original Color
189, 195, 137

Achromatopsia
187, 187, 187

Achromatomaly
188, 190, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 195, 137 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 195, 137)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 137)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 195, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 137) }
```

Border

The CSS property to change the border of an element to RGB 189, 195, 137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 195, 137) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(189, 195, 137) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(189, 195, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 137);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 189, 195, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 137) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
195, 137) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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